We are pleased to announce NASA's DEVELOP Summer 2007 Internship Program for undergraduate and graduate students with an interest in Geographic Information Systems (GIS) or Remote Sensing. This is a paid 10-week internship program located at NASA Ames Research Center in Mountain View, California that begins June 11, 2007 (for semester system) or June 18 (for quarter system).

DEVELOP is a NASA Science Mission Directorate Applied Sciences Program that fosters human capital development to extend science research to local communities. Student teams research NASA science capabilities relevant to community concerns, create and complete projects using remote sensing and GIS techniques, and create advanced computer generated visualizations demonstrating research results. The activities are student-led, with mentors from NASA and partner organizations.

A stipend will be provided for selected students. Housing for students coming from outside the area will be provided and is located near the DEVELOP facilities, with accessible public transportation. The Program also covers per diem and other travel costs for fieldwork conducted during the Program.

Below is a flyer and an application. Our deadline for receiving completed applications is April 6, 2007. Telephone interviews will be conducted shortly after applications are received. Students selected for a summer 2007 DEVELOP internship will be notified by April 27, 2007.

For further information on the DEVELOP Internship Program at NASA Ames Research Center, please access the National Program website at:
http://develop.larc.nasa.gov .

Internship Opportunity
Summer 2007

NASA DEVELOP Earth Science Internship Program
NASA Ames Research Center, Moffett Field, California

The DEVELOP Earth Science Internship program at NASA Ames Research Center has openings for students with remote sensing and/or GIS skills. This is a paid internship.

Start date: June 11, 2007 (semester schools) or June 18, 2007 (quarter schools)
Duration: 10 weeks
Hours: 40 hours/week
Housing: Will be provided for out of area students.
Other: Approximately 1 to 2 weeks of field work will be included. The program will pay for all travel and per diem costs.
Salary: Based on education level
Experience: Some knowledge of GIS required; knowledge of remote sensing desired but not necessary. Desire and ability to conduct fieldwork in an outdoor environment (camping may be required).
Application Due: April 6, 2007

Eligibility: *You must be enrolled as a student at a college or university for Fall 2007. You must be a US Citizen to apply.*

Program Objective
DEVELOP creates pilot application demonstration projects, using remote sensing, GIS and earth science information, to demonstrate to tribal, federal, state and local governments how NASA technology and other data can be used to assist communities as they seek solutions for local problems. DEVELOP is a student led, student run program with mentors and advisors from both the public and private sector.

Description
DEVELOP focuses on the community benefits of earth science. Student teams use remote sensing and other data to assist communities in understanding how high technology can be applied to solve local problems in areas such as communications, transportation, energy and the environment. High school students who have completed their junior year through graduate university students are eligible to apply. Students with interests in science and technology are the primary target group. Students with other backgrounds are eligible to apply and will be considered on a case-by-case basis.

If an application is not attached to this flyer please go to the website, http://develop.larc.nasa.gov, and click on the Apply button. Download the application from this page.

Please send your application and all related materials to the address below.

Contact Person at NASA Ames Research Center:
Cindy Schmidt
NASA Ames Research Center, MS 242-4
Moffett Field, CA 94035-1000
Phone: (650) 604-0021
FAX: (650) 604-4680
Email: cschmidt@mail.arc.nasa.gov

DEVELOP Program Application

Last Name   First Name

Date: Cumulative GPA: Current GPA:

Requested NASA DEVELOP Location:
- ☐ Ames Research Center, Moffett Field, California
- ☐ Goddard Space Flight Center, Greenbelt, Maryland
- ☐ NASA Headquarters, Washington, D.C.
- ☐ Langley Research Center, Hampton Virginia
- ☐ Marshall Space Center, Huntsville, Alabama
- ☐ Stennis Space Center, Stennis, Mississippi

Your completed application packet must include:
- ☐ Completed Application form
- ☐ First letter of recommendation from:
- ☐ Second letter of recommendation from:
- ☐ DEVELOP Application paper
- ☐ Formal resume
- ☐ Official Academic Transcripts (current and from all previous schools attended)

Eligibility: ***You must be enrolled as a student at a college or university for Fall 2007. You must be a US Citizen to apply.***

Application Packets Due: April 6, 2007
Start date: June 11 (semester schools) or June 18 (quarter and high schools)

Mailed applications MUST be received on or before the due date. It is the student's responsibility to ensure that his/her application and all associated material is received in the DEVELOP office before the deadline. Additionally, applicants will not be considered if a complete, original application package is not received.

Please mail the application package to:
Cindy Schmidt
NASA Ames Research Center, MS 242-4
Moffett Field, CA 94035

For further information please contact Cindy Schmidt at:
Email: cschmidt@mail.arc.nasa.gov
Phone: 650-604-0021

DEVELOP website: http://develop.larc.nasa.gov

Guidelines for Application

Letters of Recommendation

Two letters of recommendation are required. A minimum of one recommendation is preferred from a school faculty member; the second may be from a previous employer or mentor.
The letters should focus on the student applicant's:

- Ability to work effectively in a team environment
- Leadership Abilities
- Dedication/Commitment to completing work
- Creativity
- Study habits
- Motivation for and commitment to excellence
- Critical thinking skills when tackling new challenges
- Ability, flexibility and interest in learning new concepts and ideas

DEVELOP Application Paper

This paper should address how you feel you can contribute to the DEVELOP National Program. Additionally, it should address why you want to work for NASA, which areas of the NASA Applied Sciences Program interest you the most (please see websites listed below for more information) and how your unique combination of skills and experiences can be beneficial to your chosen area of interest. The NASA and DEVELOP websites are fundamental to understanding the program and its goals.

Recommended websites for more information:
NASA Science Mission Directorate: 	http://science.hq.nasa.gov/index.html
Earth-Sun System Division: 		http://science.hq.nasa.gov/missions/earth-sun.html
					http://science.hq.nasa.gov/earth-sun/index.html
Applied Sciences Program: 		http://science.hq.nasa.gov/earth-sun/applications/index.html
DEVELOP National Program: 		http://develop.larc.nasa.gov/
Earth-Sun Science System Components: http://www.asd.ssc.nasa.gov/m2m/

The Selection Process

Each component of your complete application packet (please see the check list on the first page) and your personal interview(s) will influence your selection for an opportunity to be a part of the DEVELOP National team. Again, please remember, the documents contained in the complete application **must** be received by the date posted on the "Apply" section of the DEVELOP web site.

Panel interviews will be conducted by members from the DEVELOP Program Management Team and may include mentors and students. Applicants will be contacted to arrange an interview day and time as soon as possible after the application deadline.

After the selection process is complete, each applicant will be contacted and informed of their status. A confirmation of acceptance is required from each selected applicant. Please feel free to contact us for any additional information or questions regarding this application.

Applicant Agreement

By signing below, I agree that I understand it is solely my responsibility to ensure that my complete application is sent by registered mail to be received by DEVELOP management before the deadline as stated on the "Apply" page of the DEVELOP web site (http://develop.larc.nasa.gov). Applications received in the DEVELOP office after the deadline will not be considered.

I further agree that I understand this application is only valid for the one term for which I am applying. If I wish to participate with the DEVELOP Program in ANY future term, I must complete and submit another DEVELOP application before the appropriate deadline.

I certify that I am a citizen of the United States of America and that all information contained in this DEVELOP National Program application package is accurate. (Please complete application either electronically or by hand and sign with an original signature before submitting.)

Signature: _____   Date: _____

I. Personal Information:

| Prefix (Ms., Mr., III) | First Name | Middle Name | Last Name | Suffix (Jr., |

Social Security Number   D.O.B. (MM/DD/YYYY)   Sex: ☐ Male ☐
Female

Email Address: _____

Current Address: _____
                 Street   City/Town, State   Zip Code

Permanent Address: ☐ Check if same as above, otherwise please specify below.

_____
Street   City/Town, State   Zip Code

Phone Number: Home: _____
                Cell: _____

II. Educational Information:

	Current School:	Previous School:	Previous School:
Name of School			
Student Level*	☐ High School: ☐ Undergraduate: ☐ Graduate:	☐ High School: ☐ Undergraduate: ☐ Graduate:	☐ High School: ☐ Undergraduate: ☐ Graduate:
City, State			
Degree(s)/ Interest/ Concentration			
Dates Attended			
Anticpated Graduation			
Cumulative GPA			
Current GPA			

* Please specify current class standing (i.e: Freshman, Senior, 3rd Year, etc.)

III. Supplemental Information

Please provide a brief summary of why you would like be a part of the DEVELOP National Program.

Do you work well in team environments? Give a specific example of an experience you had working
with a team.

What motivates you? Give specific examples of what motivates you and how you have motivated others.

IV. Preferred Areas of Research:

Please choose which of these areas of research interest you the most and explain why.

12 Applications of National Priority*:

☐ Agricultural Efficiency   ☐ Coastal Management   ☐ Homeland Security
☐ Air Quality   ☐ Disaster Management   ☐ Invasive Species
☐ Aviation   ☐ Ecological Forecasting   ☐ Public Health
☐ Carbon Management   ☐ Energy Management   ☐ Water Management

*See details on the 12 Applications of National Priority on the bottom of this website: http://science.hq.nasa.gov/earth-sun/applications/index.html#Priority

Why did you pick those areas of research?

General interests:

☐ Data Processing   ☐ Geographic Information System(s) (GIS)
☐ Remote Sensing   ☐ Computer Science   ☐ Information Technology
☐ Public Speaking   ☐ Space Science   ☐ Earth Science
☐ Public Policy Issues   ☐ Graphic Design   ☐ Multimedia Design
☐ Others: _____

Why are you interested in these fields?

V. Past Work/Research Experience:

Please populate this table with information about previous internships, cooperative education programs, related research work or other employment experiences or opportunities in chronological order beginning with the most recent.

☐ Please check this box if you have attached an additional table of experiences to the end of this application.

Dates Attended			
Employer			
Job Title			
City, State			
Brief job description			
Skills Learned			

VI. Personal Interests/Activities:

Describe all computer software and hardware computation packages that are familiar to you either on an academic, personal, or work basis.

Provide a list and explain extracurricular activities and/or interests that provide you with unique skills that will be beneficial to the DEVELOP Program.

Scholarships, Fellowships, Awards including date(s) received:

Where do you see yourself in ten years? What do you hope to accomplish and how are you going to implement your plans?

What makes you a superior candidate for DEVELOP?

VII. References

Please list three individuals who can comment on your academic abilities, past employment, and/or work ethic:

Name			
Relationship			
Phone Number			
E-mail Address			
State City/Town			

How did you learn about this program?

☐ Family or Friend

☐ Magazine or Publication: _____

☐ Professor/Teacher - School: _____

☐ School Forum: _____

☐ Website: _____

☐ Other - Please specify: _____

VIII. Appendix:
Additional Past Work/Research Experience:

Please populate this table with information about previous internships, cooperative education programs, related research work, etc., **only** if you needed more space than provided in the initial section. Please make sure you checked the box on Page 6 stating you had additional experiences listed in this Appendix.

Dates Attended			
Employer			
Job Title			
City, State			
Brief job description			
Skills Learned			